

APR 13 2004

FACSIMILE COVER SHEET

Unofficial

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COVER MESSAGE:

Dear Examiner Anyaso:

I look forward to the opportunity to interview the above case with you tomorrow at noon (EST). During the interview, I would like to discuss the Office Action, cited references, and proposed amendments to the claims. For your convenience and for the purposes of our discussion only, I have attached proposed amendments to the claims. Please note that these proposed amendments are not intended to be entered in the case at this time.

Again, I thank you in advance for providing the opportunity to discuss this case with you.

Regards,

Joe Flerlage

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AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A method for viewing data associated with one or more objects within a field of view of a human operator, the method comprising:

receiving an image from a wearable camera worn by a human operator and directed towards the field of view of the operator, the field of view of the operator;

automatically detecting one or more visual markers within the image through the use of pattern recognition, at least one of said visual markers associated with and proximate to an object within the field of view of the operator;

in response to automatically detecting one or more visual markers, selecting data from a database located on a memory storage, said database storing data associated with one of said objects associated with one of said visual markers; and

displaying the data on a wearable display worn by said operator.

2. (Original) The method of claim 1, wherein said selecting data includes identifying which of said visual markers is located within a predetermined zone of view of said camera for a predetermined amount of time.

3. (Original) The method of claim 2, wherein said zone is a central 50% of the field of view of the camera.

4. (Original) The method of claim 1, wherein the data is displayed on a see-through display such that the data are superimposed on a real image seen in the field of view of the operator.

(Original) The method of claim 1, further comprising displaying additional data associated with said object in response to a request sent by the operator.

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6. (Previously Presented) The method of claim 1, further comprising processing the image of the detected visual marker to determine a stored unique identifier associated with the marker, and transmitting the stored unique identifier to a processor for selecting said data.

7. (Original) The method of claim 5, wherein said request is an electric signal generated by a voice command from the operator.

8. (Original) The method of claim 5, wherein the request is an electric signal generated by a physical touch by the operator.

9. (Original) The method of claim 5, wherein the request is determined by maintaining the object of interest within the predetermined zone of view for a predetermined period of time.

10. (Currently Amended) A method for coordinating the movement of human workers in a working environment having one or more objects labeled with a visual marker therein, the method comprising:

receiving an image from a wearable camera worn by a human operator and directed towards a field of view of the operator;

automatically detecting one or more visual markers within the image through the use of pattern recognition, at least one of said visual markers associated with and proximate to each of the objects;

in response to automatically detecting one or more visual markers, processing the image of the visual marker and determining a unique identifier associated with the marker;

in response to determining the unique identifier, obtaining the physical location of the marker, the location of the marker being maintained in a database located on a memory storage said database storing data associated with locations of said objects labeled with the visual marker; and

determining the location of the operator based on the location of the one or more markers within the field of view of the camera.

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11. (Original) The method of claim 10, further comprising tracking the movement of the operator by monitoring the change of the location of the markers within the field of view of the camera.

12. (Original) The method of claim 10, further comprising tracking the movement of the operator by monitoring the series of markers passing within the field of view of the camera.

13. (Original) The method of claim 10, further comprising displaying data on a see-through display such that the data are superimposed on a real image seen in the field of view of the operator, wherein said data includes information directing the operator to a new location.

14. (Currently Amended) A system for viewing data comprising:

a wearable camera worn by a human operator, said camera capable of viewing at least a substantial portion of a field of view of the operator, and capable of viewing visual markers proximate to objects within the field of view of the operator;

a wearable computer system having logic capable of detecting one or more visual markers within the field of view of the camera, determining an identifier associated with the marker in response to detecting one or more visual markers, and wirelessly transmitting the identifier to a computer network and wirelessly receiving data associated with the identifier from the computer network;

a memory storage in communication with the network containing the information associated with the markers; and

a wearable display.

15. (Original) The system of claim 14 wherein the wearable display is a see-through display permitting simultaneous viewing of information on the display and of objects within the field of view of the operator.

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16. (Previously Presented) The system of claim 15, wherein data associated with the identifier is superimposed on the see-through display on a real image of the field of view of the operator.
17. (Previously Presented) The system of claim 14, wherein the memory storage further comprises at least one database storing information associated with the marker.
18. (Previously Presented) The system of claim 14, wherein the memory storage further comprises at least one database storing information associated with a profile of the operator.
19. (Previously Presented) The system of claim 18, wherein the wearable computer comprises logic capable of detecting one or more visual markers within the field of view of the camera based on a predetermined amount of time that the one or more visual markers are within the field of view of the camera.
20. (Previously Presented) The system of claim 19, wherein the predetermined amount of time is based on an operator profile stored in the memory storage.